

DERWENT-ACC-NO: 2001-462720  
DERWENT-WEEK: 200480  
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TITLE: Portulaca oleracea l. extract

INVENTOR: BAE H J ; BAE J H

PATENT-ASSIGNEE:

ASSIGNEE	CODE
BAE H J	BAEHI
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PRIORITY-DATA: 1999KR-025609 (June 30, 1999)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
<u>KR</u> <u>2001004857</u> <u>A</u>	January 15, 2001	KO
<u>KR 442683 B</u>	August 2, 2004	KO

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
KR2001004857A	June 30, 1999	1999KR-025609	
KR 442683B	June 30, 1999	1999KR-025609	Previous Publ

INT-CL-CURRENT:

TYPE	IPC	DATE
CIPS	<u>A23 L 2/38</u>	20060101

ABSTRACTED-PUB-NO: KR 2001004857 A

BASIC-ABSTRACT:

NOVELTY - Portulaca oleracea L. extract is provided for manufacturing a functional drink that has effects on antibacteria, anticancer and nicotine removal.

DESCRIPTION - Portulaca oleracea L. is heated with hot water or dissolved with ethanol solvent, and then compressed or filtered to make extract. The extract is processed to a liquid or powder phase. Portulaca oleracea L. extract with one compounds from among ethanol, ethyl acetate, chloroform and hot water has preventive and treating effects on skin in the concentration of

50-500 ug/ml. Portulaca oleracea L. extract in the higher concentration than 500 ug/ml is effective on uterine cancer(HeLa), stomach cancer(SNU-16), colon cancer(SNU-C2A) and liver cancer(SNU-449). The extract has an effect of removing 89% of nicotine chemical. Portulaca oleracea L. extract drink is manufactured by heating in a pressure cooker of 90deg.C for 1 hour and compressing to extract. The liquid part of the extract is sterilized at 70deg.C for 20 minutes.

ABSTRACTED-PUB-NO: KR 2001004857 A  
EQUIVALENT-ABSTRACTS:

TITLE-TERMS: OLERACEA EXTRACT

DERWENT-CLASS: B04 D13

CPI-CODES: B04-A08; B04-A09; B04-A10; B14-A01; B14-H01; B14-M01C; B14-N12;  
D03-H01G;

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